

# Environmental Information Sheet

## Parsan Extra MAPP: 17050



The  
Voluntary  
Initiative

A suspension concentrate containing 125 g/litre (10.8% w/w) quinmerac and 375 g/litre (32.3% w/w) metazachlor for use in winter and spring oilseed rape.

Maximum total dose: 2 L/ha (250 + 750 g a.s./ha)

Section	Profile
1. WILDLIFE Mammals and birds	<p>Parsan Extra is not classified as "Harmful to game, wild birds and animals".</p> <p>No risk management necessary to protect wild mammals and birds. Metazachlor and quinmerac, the active substances in Parsan Extra, are of low toxicity to mammalian and bird species. The risk to wild mammals and birds grazing on treated areas is low; the risk due to exposure from other routes, e.g. consumption of invertebrates (such as insects) is also low.</p>
2. BEES	No risk management is necessary. Parsan Extra is of low risk to bees.
3. NON TARGET INSECTS AND OTHER ARTHROPODS	No risk management is necessary. Parsan Extra is of low risk to a range of arthropod species commonly found in and around treated fields, e.g. ground beetles, lacewings, aphid parasitoids and predatory mites.
4. AQUATIC LIFE	<p>Parsan Extra is classified as "VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS".</p> <p>Parsan Extra is of low toxicity to aquatic invertebrates and moderate toxicity to fish. Parsan Extra is of extreme toxicity to algae and aquatic plants, e.g. duckweed.</p> <p><i>"Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads."</i></p> <p>Risk management is essential. Parsan Extra can be used safely providing care is taken to prevent spray drift reaching surface waters. The following risk management practices must be carried out in order to ensure that there is adequate protection of aquatic species:</p> <p><i>"DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water."</i></p> <p>LERAP Category B. Buffer zones may be reduced (see LERAP Guidelines).</p>
5. SOIL AND GROUNDWATER	No risk management necessary. A maximum total dose of not more than 1000 g Metazachlor per hectare may be applied in a three year period on the same field. Metazachlor is of low persistence in soil with moderate mobility. Quinmerac is of moderate persistence in soil, with

<p>Earthworms</p> <p>Soil micro-organisms</p>	<p>high mobility. Modelling studies have shown the risk of groundwater contamination from the use of Parsan Extra is low.</p> <p>To reduce the risk of movement to water:</p> <ul style="list-style-type: none"> <li>a) On clay soils create a fine consolidated seedbed to slow the downward movement of water.</li> <li>b) Do not apply to dry soil. Moist soils have fewer and smaller cracks.</li> <li>c) Do not apply if heavy rain is forecast. Wait until after the event.</li> </ul> <p>No risk management necessary. Parsan Extra is of low toxicity to earthworms.</p> <p>No risk management necessary. At the recommended application rate, Parsan Extra has no effects on soil microbial respiration or nitrogen turnover. The risk to soil microbial activity is therefore low.</p>
<p>6. NON-TARGET PLANTS</p>	<p><i>“Extreme care should be taken to avoid damage by drift onto plants outside the target area.”</i></p> <p>Parsan Extra is a herbicide with activity against annual grass and broadleaved weeds and may be harmful to some species of wild flowers which are found in the margins of fields. Therefore care should always be taken to minimise drift when applying Parsan Extra close to field boundaries.</p>

USE PLANT PROTECTION PRODUCTS SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

FOR FURTHER PRODUCT INFORMATION INCLUDING WARNING PHRASES AND SYMBOLS REFER TO THE BELCHIM (UK) WEBSITE [WWW.BELCHIM.CO.UK](http://WWW.BELCHIM.CO.UK)

Care must be taken to minimise the risk of surface water contamination from farmyard and field sources.

For further information about the environmental profile of this product contact:

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This Environmental Information Sheet was prepared in accordance with CPA Guidance Notes V4 August 2005.

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